

Kingsway

For 20, 30 and 40 watt
Fluorescent
Lamps



Design Patent No. 125,751
Trade Mark Reg. U. S. Pat. Off.

COMPLETE SINGLE UNITS

The Day-Brite "KINGSWAY," an entirely new fluorescent fixture, is the result of months of careful experimentation to produce the finest in quality, efficient lighting. Attractively styled, the smooth graceful lines of these fixtures will blend well with all modern architectural treatments. They are designed specifically for direct ceiling mounting and are equally well fitted for extremely low as well as comparatively high ceilings. They are listed as complete units in various lengths from 2 ft. to 8 ft. with total wattages of from 40 to 240 watts.

Construction, Installation and Maintenance—

A unique method of construction permits easy removal of the 2-ft. glass cylinders by simply sliding toward either end and lifting out, allowing easy access to the interior of the unit. Fixtures are mounted to ceiling through a ceiling plate. Mounting holes and

knockouts are conveniently located in this ceiling plate for installation and electrical connections.

Luminous Appearance—Extreme care was exercised in designing the end die-castings for this fixture, having in mind not only beauty in design, but more important, the creation of a luminous overall appearance as against the depressing effect of a dark end. High transmission plastic is used behind the openings.

EFFICIENCY

Glass—The half-round fluted glass cylinders, an exclusive Day-Brite design, are extremely high in light transmission qualities and of sufficient opacity to minimize glare and conceal interior parts of the unit.

Porcelain Enamel Reflector—The interior reflector is of vitreous porcelain enamel. It provides a permanent diffuse reflecting surface of highest efficiency that will not chip, crack, tarnish or peel from age, heat or atmospheric conditions. Reflection factor—79% to 82%.

Finish—Die-cast ends are satin finish. Coupling straps and ceiling trim are finished in baked lustre aluminum enamel.

Wiring—Fixtures are furnished wired or unwired and include sockets, High Power-Factor ballasts and lamp starters, but not lamps. For 110-125 volt, A.C. For 208 or 220 volt operation, write for prices.

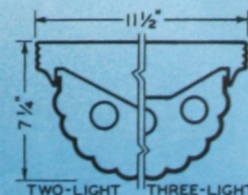


Schedule S Discounts

No.	For Lamps Size	Overall Length	Catalog No.	List Price Each		Approx. Shipping Weight
				WIRED	UNWIRED*	
2	24"-20w-110v	26 1/2"	22210	\$35.00	\$33.30	26 lbs.
3	24"-20w-110v	26 1/2"	22310	39.50†	36.70†	28 lbs.
4	36"-30w-110v	74 1/2"	32410	79.00	75.10	93 lbs.
6	36"-30w-110v	74 1/2"	32610	96.00	90.00	101 lbs.
2	48"-40w-110v	50 1/2"	42210	50.00	47.90	46 lbs.
3	48"-40w-110v	50 1/2"	42310	58.20†	54.80†	50 lbs.
4	48"-40w-110v	98 1/2"	42410	93.00	88.70	117 lbs.
6	48"-40w-110v	98 1/2"	42610	111.00	104.40	126 lbs.

*Unwired Fixtures—Furnished complete with sockets, ballasts, starters, wire nuts and wire when necessary in the wiring of the fixture.

†These fixtures have Power-Factor of 85%. For Power-Factor over 90% add to 24" lamp size fixtures, \$3.50 List and to 48" lamp size fixtures, \$3.30 List.



TWO-LIGHT THREE-LIGHT
TYPICAL CROSS SECTIONS

DayBrite Lighting Inc.

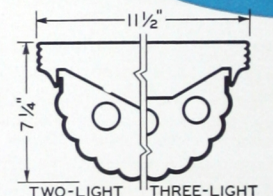
Kingsway

CONTINUOUS FIXTURES

The "KINGSWAY" for continuous applications provides an easy method of assembling sections together to make up continuous installations of from 8 ft. upward.

**STREAMLINED,
BEAUTIFUL . . .**

. . . AND EFFICIENT



TYPICAL CROSS SECTIONS

A continuous installation includes a **Basic End Section** (8 ft. long); as many **Intermediate Sections** as may be required; and an **End Section** (see illustrations of typical installation layouts on next page). It is recommended that in all cases as many 8-ft. sections be used as possible. However, inasmuch as the continuous length required may not in all instances be in exact 8-ft. multiples, 4-ft. **Fill-in Intermediate Sections** and 2-ft. and 4-ft. **Fill-in End Sections** are available.

Note—All End Sections (either **Basic** or **Fill-in**) are exactly the same and can be used on either end of the installation.

Couplings—Couplings are required for connecting sections together. A complete coupling consists of an inner coupling plate for aligning the sections and an outside strap for covering the joint. **Be sure to specify the number of couplings required when ordering.**

These fixtures are exactly the same in finish, appearance and construction as the "KINGSWAY" units

shown on the previous page. They are furnished wired or unwired and include sockets, lamp starters and High Power-Factor ballasts for 110-125 volt A.C. operation. Can also be wired for 208 or 220 volt operation on special order. Write for prices. Lamps are not included.

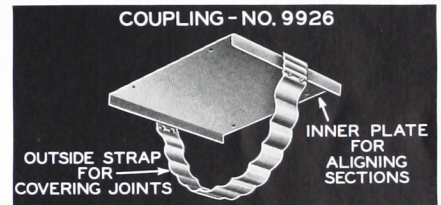
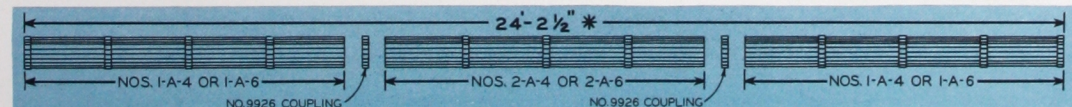
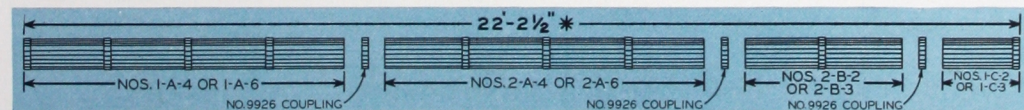
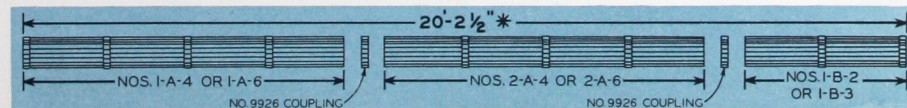
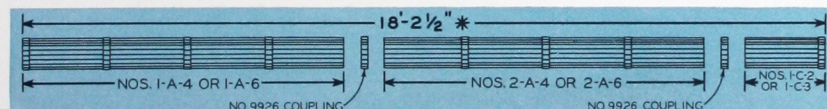
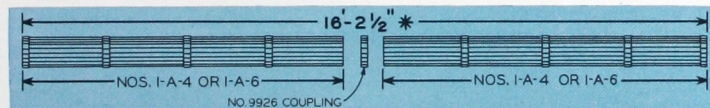
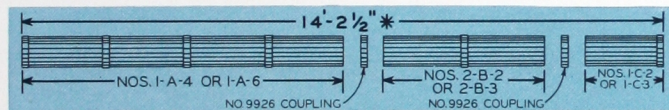
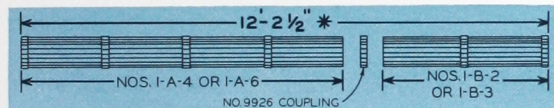
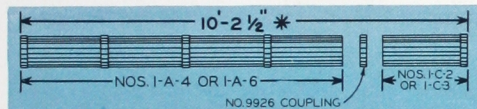
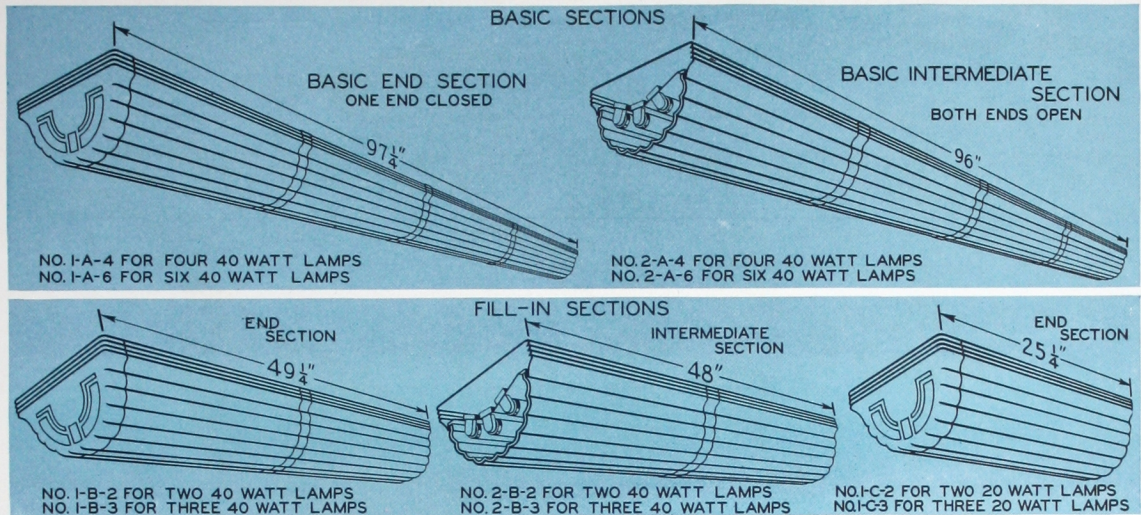
Instruction sheet covering installation data is enclosed with each fixture.

Schedule S Discounts

For Lamps		End Sections — ONE END CLOSED					Intermediate Sections — BOTH ENDS OPEN				
		Catalog No.	Overall Length	List Price Each		Approx. Shipping Weight	Catalog No.	Length	List Price Each		Approx. Shipping Weight
WIRED	UNWIRED*			WIRED	UNWIRED*						
No.	Size										
BASIC END SECTIONS						BASIC INTERMEDIATE SECTIONS					
4	48"-40w-110v	1-A-4	97 1/4"	\$91.30	\$87.00	114 lbs.	2-A-4	96"	\$89.60	\$85.30	112 lbs.
6	48"-40w-110v	1-A-6	97 1/4"	109.30	102.70	123 lbs.	2-A-6	96"	107.60	101.00	120 lbs.
FILL-IN END SECTIONS						FILL-IN INTERMEDIATE SECTIONS					
2	48"-40w-110v	1-B-2	49 1/4"	48.30	46.20	45 lbs.	2-B-2	48"	46.60	44.50	42 lbs.
3	48"-40w-110v	1-B-3	49 1/4"	56.50 †	53.10 †	48 lbs.	2-B-3	48"	54.80 †	51.40 †	46 lbs.
2	24"-20w-110v	1-C-2	25 1/4"	33.30	31.60	23 lbs.	.....	.....	.....	.....	.....
3	24"-20w-110v	1-C-3	25 1/4"	37.80 †	35.00 †	25 lbs.	.....	.....	.....	.....	.....
COUPLINGS											
Catalog No. 9926 \$1.20 Each List											

***Unwired Fixtures**—Furnished complete with sockets, ballasts, starters, wire nuts and wire when necessary in the wiring of the fixture.
†These fixtures have Power-Factor of 85%. For Power-Factor over 90% add to 24" lamp size fixtures, \$3.50 List and to 48" lamp size fixtures, \$3.30 List.

CONTINUOUS INSTALLATION DATA



A Few Typical Installation Layouts are shown here. For larger installations the same procedure is followed.

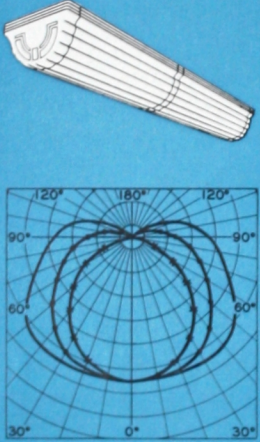
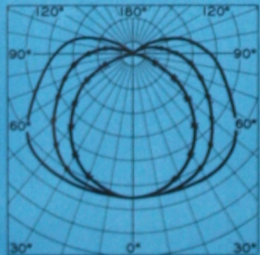
* EXACT OVERALL LENGTH OF COMPLETE ASSEMBLY. (2 1/2" LONGER THAN TOTAL OF LAMPS.)

ID 91-B899 TCF

FIGURING FOOTCANDLE INTENSITIES FOR THE KINGSWAY

- (1) Ascertain ceiling height, room size and wall and ceiling finish.
- (2) Select desired footcandle intensity.
- (3) From this information proper fixture spacing or area per outlet can be determined.

DISTRICT REPRESENTATIVE
HOPKIN BROS., Inc.
 116 N. Seventh Street
 Philadelphia, Pa.
 Lombard 8298 Main 8027

TYPICAL DISTRIBUTION CURVES	INSTALLATION CONDITIONS (Approximate)				LARGE ROOM Width 4 Times Height		MEDIUM ROOM Width 2 Times Height		SMALL ROOM Width Equals Height	
	Ceiling Height	Spacing Between Rows(Ft.)	Spacing (Ft.)	Area Per Unit (Sq. Ft.)	WALL AND CEILING FINISH					
					Light	Medium	Light	Medium	Light	Medium
INDIVIDUAL UNITS — For Two 40-watt Lamps					FOOTCANDLES*					
	8'		4 x 6	24	68	65	61	60	53	50
			6 x 6	36	46	44	42	40	35	33
			6 x 8	48	33	32	30	29	25	24
			8 x 8	64	27	25	24	23	20	19
	9'		4 x 6	24	67	64	60	59	48	47
			6 x 6	36	45	43	41	39	33	31
			6 x 8	48	32	31	29	28	23	23
			8 x 8	64	26	24	23	22	18	18
	10'		4 x 6	24	66	63	59	58	48	47
			6 x 6	36	44	42	40	38	33	30
			6 x 8	48	31	30	28	27	23	23
			8 x 8	64	25	23	22	21	18	18
11'		4 x 6	24	66	63	59	58	47	47	
		6 x 6	36	44	42	40	38	32	30	
		6 x 8	48	31	30	28	27	22	23	
		8 x 8	64	25	23	22	21	17	18	
12'		4 x 6	24	66	63	59	58	45	43	
		6 x 6	36	44	42	40	38	30	29	
		6 x 8	48	31	30	28	27	21	20	
		8 x 8	64	25	23	22	21	17	16	
CONTINUOUS FIXTURES — For Two 40-watt Lamps					FOOTCANDLES*					
	8'			See Note A						
		6		24	68	64	62	59	52	50
		8		32	50	48	46	44	39	37
		10		40	40	38	37	35	31	30
		12		48	33	32	31	30	26	25
	9'	6		24	68	64	60	58	49	47
		8		32	50	48	45	43	36	35
		10		40	40	38	36	35	29	28
		12		48	33	32	30	29	24	24
	10'	6		24	67	63	59	58	49	47
		8		32	49	47	44	43	36	35
		10		40	39	37	35	35	29	28
		12		48	32	31	30	29	24	24
	11'	6		24	67	63	59	58	49	47
		8		32	49	47	44	43	36	35
		10		40	39	37	35	35	29	28
		12		48	32	31	30	29	24	24
	12'	6		24	66	62	57	52	45	43
		8		32	48	46	42	39	34	33
		10		40	38	36	34	31	27	26
		12		48	31	30	28	26	23	22

"NOTE A"—These figures are based on each 4-ft. section of the continuous run and fixture must run from wall to wall in order to deliver the footcandle intensities shown above.

All of the above figures shown in tables are based on the use of 3500° white lamps. Values with Daylight lamps will be approximately 15% less.

*For fixtures employing three rows of 40-watt lamps increase the above footcandle values 50%.

Approximately 25% depreciation has been allowed in all of the above computations.